

Title (en)

READER AND DISC DETERIORATION DETECTING METHOD

Title (de)

LESEVORRICHTUNG UND DATENTRÄGER-VERSCHLECHTERUNGS-ERKENNUNGSVERFAHREN

Title (fr)

LECTEUR ET PROCEDE DE DETECTION DE DETERIORATION DE DISQUE

Publication

EP 1736969 A4 20090204 (EN)

Application

EP 05727487 A 20050330

Priority

- JP 2005006051 W 20050330
- JP 2004103430 A 20040331

Abstract (en)

[origin: EP1736969A1] For providing a read apparatus and a method of detecting deterioration of a disk, which can detect the deterioration of the disk securely at a low cost, when focus adjust and tracking adjust of an optical pick-up 3 can be acted normally within adjustable range by a servo DSP 5, the deterioration of the disk is detected based on a focus adjust value and a tracking adjust value.

IPC 8 full level

G11B 7/0037 (2006.01); **G11B 7/004** (2006.01); **G11B 7/09** (2006.01); **G11B 7/125** (2012.01)

CPC (source: EP US)

G11B 7/00375 (2013.01 - EP US); **G11B 7/1263** (2013.01 - EP US); **G11B 20/1816** (2013.01 - EP US); **G11B 7/0945** (2013.01 - EP US); **G11B 2020/1869** (2013.01 - EP US)

Citation (search report)

- [X] US 2003012105 A1 20030116 - MIYAZAKI ATSUSHI [JP], et al
- [X] EP 1049081 A2 20001102 - SONY CORP [JP]
- [X] WO 0106510 A1 20010125 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
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- [PX] WO 2004027405 A1 20040401 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al & EP 1541996 A1 20050615 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- See also references of WO 2005096276A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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DOCDB simple family (application)

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